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(71) Applicant: BISEIBUTSU KAGAKU
KENKYUSHO:KK(72) Inventor: NAKAI MASAHISA
KODAMA KAZUO
HIRAMATSU KAZUHISA
KOKUBU TERUAKI
YAMANAKA MORIMASA

(54) MULTIPLE MIXED VACCINE FOR DOG

(57) Abstract

PURPOSE: To provide a mixed vaccine for a dog, capable of more surely preventing leptospirosis by combining four kinds of attenuated viruses composed of CD, CA-2, CPI and CP with three kinds of inactivated *Leptospira* antigens composed of L. co., L. c. and L. h., of preventing eight kinds of diseases only by one injection and of saving labor for vaccination.

CONSTITUTION: Four kinds of virus solutions composed of an attenuated dog distemper virus solution, an attenuated dog adenovirus II type virus solution, an

attenuated Parainfluenza 5 type virus solution and an attenuated dog Parvovirus solution are mixed and the resultant mixture solution is freeze-dried. The resultant dried material is mixed with three kinds of inactivated *Leptospira* antigens obtained by culturing and growing *Leptospira* copenhageni Shiba strain, *Leptospira canicola* hunt Yutrecht TV strain and *Leptospira autumnalis* hebdomadis B strain in a liquid culture medium and inactivating them. The obtained mixture is dissolved, thus affording the objective multiple mixed liquid vaccine for a dog.

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